

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L4    | 10   | complimentary with color with advantage\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/11/23 09:32 |
| L5    | 26   | complimentary with color same advantage\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/11/23 09:32 |
| L6    | 275  | "348"/\$.ccls. and second adj interpolat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/23 10:20 |
| L9    | 1    | "5221966".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/23 10:58 |
| L10   | 1    | "5159437".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/23 10:58 |
| L11   | 1    | "4667222".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/23 10:59 |
| L12   | 1    | "4335395".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/23 10:59 |
| S1    | 27   | (photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with shift with layout       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 13:19 |
| S2    | 35   | (photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with alternat\$4 with layout | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/22 14:35 |
| S3    | 4    | (photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with hexagon\$4 with layout  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/18 16:06 |
| S4    | 1    | "5818052".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/18 16:00 |
| S5    | 1    | "5759078".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/18 16:00 |
| S6    | 1    | "5744826".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/18 16:00 |
| S7    | 1    | "5311337".PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2004/11/18 16:01 |

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S8  | 1  | "5032718".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:01 |
| S9  | 1  | "4667092".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:01 |
| S10 | 5  | "6252218"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 16:06 |
| S11 | 19 | (photo\$1sens\$4 or<br>photo\$1detect\$4 or detect\$45 or<br>sens\$4) and pixel with shifted with<br>layout | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 16:29 |
| S12 | 1  | "6236434".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:08 |
| S13 | 1  | "5340766".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:09 |
| S14 | 1  | "4884143".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:09 |
| S15 | 8  | "4884143"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 16:47 |
| S16 | 1  | "4558365".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:30 |
| S17 | 1  | "6236434".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:31 |
| S18 | 1  | "5608455".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:31 |
| S19 | 1  | "5528291".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:31 |
| S20 | 1  | "5376967".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:31 |
| S21 | 1  | "5306906".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:31 |
| S22 | 1  | "5528291".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:37 |
| S23 | 1  | "5306906".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:37 |
| S24 | 1  | "5210613".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:37 |
| S25 | 1  | "4602289".PN.   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 16:38 |

|     |     |                                 |   |    |     |                  |
|-----|-----|---------------------------------|---|----|-----|------------------|
| S26 | 112 | 348/315.ccls.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 17:00 |
| S27 | 2   | "6522356"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 17:15 |
| S28 | 1   | "5847758".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:03 |
| S29 | 1   | "5805217".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:03 |
| S30 | 1   | "5737017".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:04 |
| S31 | 1   | "5737017".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:04 |
| S32 | 1   | "5519668".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:04 |
| S33 | 1   | "5155584".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:04 |
| S34 | 1   | "5155584".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:15 |
| S35 | 1   | "5099317".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:05 |
| S36 | 1   | "5319451".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:11 |
| S37 | 1   | "5099317".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:11 |
| S38 | 1   | "5018006".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:12 |
| S39 | 1   | "4791307".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:12 |
| S40 | 1   | "4602289".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:12 |
| S42 | 111 | 348/272.ccls.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:16 |
| S43 | 22  | 348/272.ccls. and pitch\$4      | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:20 |
| S44 | 111 | 348/272.ccls.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:31 |
| S45 | 40  | 348/272.ccls. and interpolat\$4 | USPAT;<br>USOCR   | OR | OFF | 2004/11/18 17:32 |



|     |     |                                 |   |    |     |                  |
|-----|-----|---------------------------------|---|----|-----|------------------|
| S46 | 202 | 348/272.ccls.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 10:33 |
| S47 | 94  | 348/272.ccls. and interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 10:33 |
| S48 | 16  | "4558365"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 10:53 |
| S49 | 2   | "6414343"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 10:51 |
| S50 | 8   | "4884143"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 10:56 |
| S51 | 2   | "6573935"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 11:00 |
| S52 | 14  | "5099317"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 11:06 |
| S53 | 16  | "5306906"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 12:32 |
| S54 | 1   | "5818052".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/19 11:09 |
| S55 | 1   | "5759078".PN.                   | USPAT;<br>USOCR   | OR | OFF | 2004/11/19 11:10 |
| S56 | 62  | 348/275.ccls.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 13:08 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S57 | 42   | 348/277.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 13:10 |
| S58 | 488  | 348/294.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 13:10 |
| S59 | 31   | 348/294.ccls. and interpolat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 13:14 |
| S60 | 11   | 348/315.ccls. and interpolat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 10:57 |
| S62 | 51   | (photo\$1sens\$4 or<br>photo\$1detect\$4 or detect\$4 or<br>sens\$4) and pixel with (shift\$3 or<br>ptich\$3 or diagonal) with layout                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 13:21 |
| S63 | 11   | (photo\$1sens\$4 or<br>photo\$1detect\$4 or detect\$4 or<br>sens\$4) and pixel with (shift\$3 or<br>ptich\$3 or diagonal) with layout and<br>interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 13:55 |
| S64 | 3003 | pixel with (shift\$4 or pitch or<br>diagonal) with array   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 13:56 |
| S65 | 378  | pixel with (shift\$4 or pitch or<br>diagonal) with array and<br>interpolation  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 13:58 |
| S66 | 13   | pixel with (shift or pitch or<br>diagonal) with layout and<br>interpolation  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 14:01 |
| S67 | 172  | pixel with (pitch or diagonal) with<br>array and interpolation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/19 14:01 |

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S69 | 3   | "5592575"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/20 13:30 |
| S70 | 1   | "5442717".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:30 |
| S71 | 1   | "5335097".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:30 |
| S72 | 1   | "5258859".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:30 |
| S73 | 1   | "5227863".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:30 |
| S74 | 1   | "5122873".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:30 |
| S75 | 1   | "4839719".PN.                                 | USPAT;<br>USOCR   | OR | OFF | 2004/11/20 13:31 |
| S76 | 2   | "20020085103"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 10:37 |
| S77 | 266 | camera and second adj interpolat\$4           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 10:37 |
| S78 | 1   | 348/315.ccls. and second adj<br>interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 10:57 |
| S79 | 8   | 348/272.ccls. and second adj<br>interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 14:35 |
| S80 | 0   | 348/275.ccls. and second adj<br>interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 10:59 |
| S81 | 1   | 348/294.ccls. and second adj<br>interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 10:20 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S84 | 425  | (photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel and second adj interpolat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/22 14:36 |
| S85 | 2    | "6522356" and green and red and blue   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 15:25 |
| S86 | 1    | "6522356" and green and red and blue and "(g)" and "(r)" and "(b)"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 15:26 |
| S87 | 2    | "20020067496"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 17:24 |
| S88 | 465  | "50243"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 17:24 |
| S89 | 1    | "50243" and camera and printer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 17:25 |
| S90 | 2    | "9750243" and camera and printer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 18:12 |
| S92 | 3978 | pixel and cyan with green with yellow  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 18:19 |
| S93 | 181  | pixel and cyan with green with yellow with array   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/22 18:40 |
| S94 | 1    | "5948487".PN.  | USPAT;<br>USOCR   | OR | OFF | 2004/11/22 18:31 |
| S95 | 1    | "5929474".PN.  | USPAT;<br>USOCR   | OR | OFF | 2004/11/22 18:31 |
| S96 | 1    | "5614740".PN.  | USPAT;<br>USOCR   | OR | OFF | 2004/11/22 18:31 |

|     |    |               |   |    |     |                  |
|-----|----|---------------|---|----|-----|------------------|
| S97 | 1  | "5306906".PN. | USPAT;<br>USOCR   | OR | OFF | 2004/11/22 18:31 |
| S98 | 1  | "5238864".PN. | USPAT;<br>USOCR   | OR | OFF | 2004/11/22 18:32 |
| S99 | 15 | "5280347"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:30 |